
Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)

217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2010; month=1; day=27; hr=10; min=15; sec=52; ms=475;]

Reviewer Comments:

1.

nbsp; Empty lines found between the amino acid numbering and the proteins SEQID (2)

E321 No. of Bases conflict, this line has no nucleotides SEQID (2) POS (464)

E355 Empty lines found between the amino acid numbering and

the proteins SEQID (2)

E321 No. of Bases conflict, this line has no nucleotides

SEQID (2) POS (464)

W112 Upper case found in data; Found at position(0) SeqId(2)
W112 Upper case found in data; Found at position(1) SeqId(2)
W112 Upper case found in data; Found at position(2) SeqId(2)

W112 Upper case found in data; Found at position(3) SeqId(2)

E259 Found undefined lettercode; POS (5) SEQID(2)

E259 Found undefined lettercode; POS (6) SEQID(2)

E259 Found undefined lettercode; POS (7) SEQID(2)

E259 Found undefined lettercode; POS (8) SEQID(2)

E259 Found undefined lettercode; POS (9) SEQID(2)

E259 Found undefined lettercode; POS (10) SEQID(2)

E259 Found undefined lettercode; POS (11) SEQID(2)

E259 Found undefined lettercode; POS (12) SEQID(2)

E259 Found undefined lettercode; POS (13) SEQID(2)

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<213> Homo sapiens

<220>

<223> Peptide sequence of double mutant His310-H435Lys.

<400> 2

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4

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WASH_6680526.1

The Sequence Listing file must end at the bottom of the last SEQ ID #. There can be no extra information following the last SEQ ID # in the file. Please remove extra information, "4", "1", and "WASH_6680526.1" found at the end of the file, after SEQ ID # 2.

2.

<110> LABORATOIRE FRANÇAIS DU FRACTIONNEMENT ET DES
BIOTECHNOLOGIES

BOUREL, Dominique

GLACET, Arnaud

JORIEUX, Sylvie

STURA, Enrico

DUCANCEL, Frédéric

TEILLAUD, Jean-Luc

<120> USE OF METALLIC CATIONS TO IMPROVE FUNCTIONAL ACTIVITY
OF ANTIBODIES

<130> D 21 711 NT

<140> 10576440

<141> 2010-01-08

<150> PCT/FR2004/002687

<151> 2004-10-20

<150> FR 03 12228

<151> 2003-10-20

<160> 2

<170> PatentIn version 3.3

The sequence listing must be in ASCII text format. This file contains non-ASCII text characters, see numeric identifier <110> the accent marks in the name "Frédéric". Please make all changes necessary to convert this file to ASCII text only.

Validated By CRFValidator v 1.0.3

Application No: 10576440 Version No: 1.0

Input Set:

Output Set:

Started: 2010-01-08 14:18:39.238
Finished: 2010-01-08 14:18:43.864

Elapsed: 0 hr(s) 0 min(s) 4 sec(s) 626 ms

Total Warnings: 4

Total Errors: 13

No. of SeqIDs Defined: 2

Actual SeqID Count: 2

Error code		Error Description
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (2)
Ε	355	Empty lines found between the amino acid numbering and the
Ε	321	No. of Bases conflict, this line has no nucleotides SEQID (2)
W	112	Upper case found in data; Found at position(0) SeqId(2)
W	112	Upper case found in data; Found at position(1) SeqId(2)
W	112	Upper case found in data; Found at position(2) SeqId(2)
W	112	Upper case found in data; Found at position(3) SeqId(2)
E	259	Found undefined lettercode; POS (5) SEQID(2)
E	259	Found undefined lettercode; POS (6) SEQID(2)
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<212> DNA

<213> Homo sapiens

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<223> cDNA sequence of double mutant His310-435Lys

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<210> <211> <212> PRT <213> Homo sapiens <220> <223> Peptide sequence of double mutant His310-H435Lys. <400> 2 Met Glu Phe Gly Leu Ser Trp Val Phe Leu Val Ala Leu Leu Arg Gly Val Gln Cys Gln Val Gln Leu Val Glu Ser Gly Gly Val Val Gln Pro Gly Arg Ser Leu Arg Leu Ser Cys Thr Ala Ser Gly Phe Thr Phe Lys Asn Tyr Ala Met His Trp Val Arg Gln Ala Pro Ala Lys Gly Leu Glu Trp Val Ala Thr Ile Ser Tyr Asp Gly Arg Asn Ile Gln Tyr Ala Asp Ser Val Lys Gly Arg Cys Thr Phe Ser Arg Asp Asn Ser Gln Asp Thr Leu Tyr Leu Gln Leu Asn Ser Leu Arg Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Pro Val Arg Ser Arg Trp Leu Gln Leu Gly Leu Glu Asp Ala Phe His Ile Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp

Tyr	Phe	Pro	Glu 180	Pro	Val	Thr	Val	Ser 185	Trp	Asn	Ser	Gly	Ala 190	Leu	Thr
Ser	Gly	Val 195	His	Thr	Phe	Pro	Ala 200	Val	Leu	Gln	Ser	Ser 205	Gly	Leu	Tyr
Ser	Leu 210	Ser	Ser	Val	Val	Thr 215	Val	Pro	Ser	Ser	Ser 220	Leu	Gly	Thr	Gln
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	_			245					250					255	Pro
			260		Leu		_	265					270		
		275		_			280					285			Asn
	290				Val	295					300				
305			_		310 Ser					315					320
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	370				Gln	375					380				_
385		_ * * *	_, .	~1	390		.5 🔾 🛨		_ * * *	395			_, .	- - 1	400

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405 410 415

Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly 435 440 445

Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn Lys Tyr 450 455 460

Δ

1

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